



WEDNESDAY NOVEMBER 11, 2020



Science for Rural Recovery and Resilience

Online mini-conference focusing on new work by Early Career Researchers

Wednesday November 11, 2020 • 1pm – 3pm

UPDATE: please see below for event report.

The Scottish Consortium for Rural Research (SCRR) is holding its second mini-conference where Early Career Researchers (ECRs) will share their new research, this year looking to how rural Scotland moves into the 2030s and beyond.

Our aim is to share their learning with academics, those working in policy, in practice and/or on ‘the front lines’ – to enhance Scotland’s rural recovery together. They will also share their own personal resilience as their work has been interrupted this year.

Over a cuppa of your choice, we will be enlightened by their exciting new work in:

- bees adapting to land use policies as our essential pollinators
- strengthening the resilience of dairy cows through improving their traits
- improving resilience of chickens in their local environments
- health and wellbeing benefits of community land ownership
- sheep methane emissions and mitigation strategies
- helping to satisfy meat demand through microbiome-based breeding strategies in beef cattle
- development of sustainable, science-based rural tourism

Through this online approach, we will have a shortcut to the latest thinking from some of Scotland’s rural researchers, interact with those presenting, plus the chance to make new connections in an informal atmosphere. You will also be able to vote for the best poster.

We really look forward to you joining us on November 11, 2020 at 1pm!

To register

Please register in advance through EventBrite:

<https://www.eventbrite.co.uk/e/science-for-rural-recovery-and-resilience-tickets-127301471127>

Photograph: Skye by Anna Jahn via [Unsplash](#)

Event report

There was a brief report of this event in our News section.

[2020-11-Recovery-Resilience-report.pdf](#)

Posters

Five posters by early career researchers who took part in this event are available here, as are two abstracts.

Naomi Lean, Scotland’s Rural College and University of Edinburgh:

‘How do parasite infections affect livestock greenhouse gas emissions?’ (PDF, 835 KB)

[SCRR-mini-2020-Naomi-Lean.pdf](#)

Dr Bobby Macaulay, Glasgow Caledonian University:

‘The role of community landownership in improving rural health’ (PDF, 909 KB)

[SCRR-mini-2020-Bobby-Macaulay.pdf](#)

Dr Marina Martínez-Álvarez, Scotland’s Rural College:

‘Bovine genome influences its ruminal microbiome function’ (PDF, 203 KB)

[SCRR-mini-2020-Marina-Martinez-Alvaro.pdf](#)

Dr Katie Murray, West Highland College, UHI:

‘Putting science at the centre of the tourist experience’ (PDF, 491 KB)

[SCRR-mini-2020-Katie-Murray.pdf](#)

Diana G Tixi, James Hutton Institute:

‘Do wild bees’ physiological or ecological traits influence their response (abundance and diversity changes) to conservation strategies?’ (PDF, 1 MB)

[SCRR-mini-2020-Diana-G-Tixi.pdf](#)

Abstracts

Jay Burns, Scotland’s Rural College:

‘Valuing resilience, at the animal level’ (PDF, 42 KB)

[SCRR-mini-2020-Jay-Burns-abstract.pdf](#)

Marwa Hussein, Scotland’s Rural College:

‘Sensitivity of ideal protein nutrition to coccidiosis challenge’ (PDF, 26 KB)

[SCRR-mini-2020-Marwa-Hussein-abstract.pdf](#)